

Permit Approval Date: _____ Initials _____
Permit Expiration Date: _____ Initials _____ Permit No. _____

**APPLICATION FOR PERMIT TO CONSTRUCT, MODIFY OR MAINTAIN AN
INJECTION WELL**



IDAHO DEPARTMENT OF WATER RESOURCES
322 East Front St., PO Box 83720, Boise, ID 83720-0098
Under the Provisions of Title 42, Chapter 39 of the Idaho Code

Note To Applicant: Fill in ALL Information Requested. Incomplete Applications will be Returned.
I. GENERAL INFORMATION

A. Application Type: (check appropriate box)

- ☐ New Injection Well Operating Permit (A Drilling Permit is also required prior to construction)
☐ Permit to Modify an Existing Injection Well (see Section H.)
☐ Renew Operating Permit of an Existing Injection Well

B. Name and Address of Legal Contact:

- ☐ Legal Owner ☐ Operator or Representative ☐ Contractor *(See note)

Contact Name _____

Business Name _____

Mailing Address _____

City _____ State _____ Zip Code _____

Phone No. 1 _____ Phone No. 2 _____

*Contractor Note: Give Future Owner Name & Contact Information (If known) _____

C. Well Location: (Give location address of well if different from above, otherwise write "same")

Facility Name _____

Address _____

City _____ State _____ Zip Code _____

County _____ Facility Phone No. _____

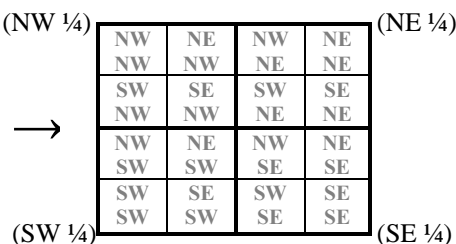
D. Well Location Legal Description:

(*For New Injection Well Permits, You must supply this information* Include map)

Township _____ Range _____ Section _____ (1/4, 1/4, 1/4) _____ (1/4, 1/4) _____ (1/4 Section) _____

County _____

Indicate
Location of
Well on Map
by placing an
"X" through
Appropriate
1/4, 1/4 Section



Refer to Your
Property Tax
Statements for
Correct Legal
Description
Information

Section Map (1/4, 1/4 Sections)

E. Is the Well/Facility Located on Indian Lands? ☐ Yes ☐ No

F. Injection Well Classification: _____ (obtain proper code from list on instruction sheet)

II. TECHNICAL DATA

G. Well Construction Information:

☐ As Built (attach well log, if available)
IDWR Drilling Permit No. _____ Well Tag No. _____

☐ Expected Construction

Drill Bore: Diameter _____(in) Depth _____(ft)
Surface Casing: Diameter _____(in) Depth _____(ft)
Height above Ground Surface _____(ft) Casing Type _____

Perforation: From _____(ft) To _____(ft)
Surface Seal: Depth _____(ft) Seal Type _____

Secondary Casing (if applicable):
Diameter _____(in) Initial Depth _____(ft) Terminal Depth _____(ft)
Casing Type _____ Seal Type _____ Packer Depth _____(ft)

Construction Date (indicate Actual, Approximate or Anticipated): _____
Driller's Name/Address: _____

H. Describe Intended Modification and Purpose (for Permit to Modify only): _____

I. Site Description:

Depth to Groundwater _____(ft) ☐ Estimate ☐ Measured Date Measured _____
Distance to Nearest Domestic Well _____(ft) Direction _____

J. Description of Well Operation:

Frequency of Injection: ☐ Continuous ☐ Seasonal ☐ Intermittent
Maximum Average Weekly Rate _____ ☐ cfs ☐ gpm
Maximum Injection Capacity _____ ☐ cfs ☐ gpm
Injection Pressure (for pressurized systems, at well head) _____ (psi)

Is the injection well part of an approved contamination remediation system? ☐ Yes ☐ No

If yes, please attach a copy of the signed regulatory approval for the remediation action, description of the remediation system, and intended use of the injection well.

K. Description of Waste Stream:

Activity Type: ☐ Agricultural/Farming ☐ Agricultural Processing ☐ Mining
☐ Building Heating/Cooling ☐ Industrial/Manufacturing
☐ Automotive Repair ☐ Aquifer Storage/Recharge ☐ Other

Describe _____

L. Are hazardous wastes as defined in IDAPA 58.01.05 generated or stored on the facility?

☐ Yes ☐ No (Special Note: Injection of hazardous wastes is prohibited.)

M. List constituents and concentrations in waste stream (list agricultural, automotive or industrial chemicals, tracers, anti-bacterial, anti-corrosive, anti-freeze, or other treatment agents):

N. If the injection well is used for agricultural fluid disposal, complete the following:

Method of irrigation: ☐ Gravity ☐ Sprinkler
Water Source: ☐ Groundwater ☐ Surface water or canal system

Are pesticides used? ☐ Yes ☐ No Describe _____

Are herbicides used? ☐ Yes ☐ No Describe _____

O. Description of Land Use: (For all, except Class 5A7 Closed-Loop Heat Pump Return)

Drainage area discharging to injection well _____ (Acres)

Describe land uses occurring in drainage area _____

P. Active Waste Disposal Activities within Injection Well Drainage Area: (For all, except Class 5A7 Closed-Loop Heat Pump Return)

☐ Wastewater Land Application Operations

Description _____

☐ CAFO/Feed Lot Operations

Description _____

☐ Dairy Operations

Description _____

☐ Other(s)

Description _____

Q. Treatment Methods Prior to Injection: (For all, except Class 5A7 Closed-Loop Heat Pump Return wells)

☐ Retention Pond Length _____ (ft) Width _____ (ft) Depth _____ (ft)

Description _____

☐ Well Screen

Description _____

☐ Filtration

Description _____

☐ Chemical Treatment

Description _____

☐ Other

Description _____

R. Alternative Methods to Injection Well Use:

Describe alternatives to the use of an injection well for waste disposal _____

Why were the above alternative methods rejected? _____

S. For all, except Class 5A7 Closed-Loop Heat Pump Return wells, attach a topographic map or aerial photo showing the area within a one-mile radius to show the following:

- a. Location of the described injection well, domestic supply wells, and any other wells
- b. Outline of area draining to the injection well
- c. Property boundaries of injection well owner

III. Applicant Signature

Be it known that the undersigned hereby makes Application for Permit to Construct or Maintain an Injection Well. The above information is true and correct to the best of my knowledge.

Date Signature Title

Print Name

For Department Use Only

I have examined Application No. _____ and said application is hereby _____ subject to the attached conditions.

Witnessed by my hand this _____ day of _____, 20_____

_____,
Official, Idaho Department of Water Resources Title

Received by _____ Date _____ Reviewed By _____

Fees _____ Receipted by _____ Receipt No. _____



Idaho Department of Water Resources

GENERAL INSTRUCTIONS TO COMPLETE FORM 42-39-1, APPLICATION FOR PERMIT TO CONSTRUCT OR MAINTAIN AN INJECTION WELL

- A.** Applications for a new permit must be complete. For permit renewal applications, sections I and III must be filled out in their entirety. Any changes in construction or operation of the injection well must be noted in section II. Incomplete applications will be returned to applicant.
- B.** Information provided on application must be accurate. Incorrect information may invalidate permit.
- C.** A one hundred dollar (\$100.00) processing fee must be submitted for each permit application.
- D.** A separate permit application and processing fee must be provided for each injection well.
- E.** Make checks payable to **Idaho Department of Water Resources**. Application(s) and accompanying fee(s) can be submitted your nearest IDWR office:
- IDWR Northern Region, 7600 N Mineral Dr., Suite 100, Coeur d'Alene, ID 83815. (208) 762-2800.
IDWR Southern Region, 1341 Fillmore St., Suite 200, Twin Falls, ID 83301. (208) 736-3033.
IDWR Eastern Region, 900 North Skyline, Idaho Falls, ID 83402. (208) 525-7161.
IDWR Western Region, 2735 Airport Way, Boise, ID 83705. (208) 334-2190.
IDWR State Office, 322 East Front St., PO Box 83720, Boise, ID 83720-0098. (208) 287-4800.
- F.** Use the following list to determine appropriate well classification code. Enter the classification code in the “**Injection Well Classification**” space provided at the bottom of p.1 (Section I, Part F.) of the application.

Injection Well Classification Codes

Code: Injection Activity Associated With:

5A5 Electric Power Generation
5A6 Geothermal Heat (H₂O Temp > 85° F)
5A7 Closed-Loop Heat Pump Return (H₂O Temp < 85° F)
5A8 Aquaculture Return Flow
5A19 Cooling Water Return (Industrial Cooling)
5B22 Saline Water Intrusion Barrier
5D2 Storm Water Runoff (Roadway/Pavement Drainage)
5D3 Improved Sinkholes
5D4 Industrial Storm Runoff (Building/Pavement Drainage)
5F1 Agricultural Runoff Waste (Agricultural Drainage)
5G30 Special Drainage Water (Rarely Used)
5N24 Low-Level Radioactive Waste
5R21 Aquifer Storage & Recharge
5S23 Subsidence Control
5W9 Untreated Sewage

Code: Injection Activity Associated With:

5W10 Cesspools
5W11 Septic Systems (General)
5W12 Water Treatment Plant Effluent
5W20 Industrial Process Water
5W31 Septic Systems (Well Disposal)
5W32 Septic Systems (w/ Drainfield)
5X13 Mine Tailing Backfill
5X14 Solution Mining
5X15 In-Situ Fossil Fuel Recovery
5X16 Spent Brine Return Flow
5X25 Experimental Technology
5X26 Aquifer Remediation
5X27 Other Wells (Rarely Used)
5X28 Service Station Wells (Motor Vehicle Waste Disposal)
5X29 Abandoned Drinking Wells (Converted from Domestic)